

Additives for coatings and printing inks
DISPARLON[®]

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DISPARLON[®] AQ-D400
(Pigment wetting/Dispersing agent for waterborne systems)

DISPARLON AQ-D400 is a pigment wetting/dispersing agent composed of an acrylic polymer and an amine, and is highly effective for dispersing organic/inorganic pigments such as carbon black and iron oxide. DISPARLON AQ-D400 reduces the viscosity of high pigment loading systems and improves color strength and DOI. The waterborne pigment paste composed of water and pigments can be made with DISPARLON AQ-D400.

ADVANTAGES

- Excellent wetting and dispersing properties
- Effective for high pigment loading systems
- Effective for a wide range of pigments and fillers
- Improves gloss, DOI, color strength and hiding power

APPLICATIONS

DISPARLON AQ-D400 can be used in a wide range of waterborne coating systems.

INCORPORATION

Additive levels : 3 ~ 30% by wt. for inorganic pigments and body pigments
40 ~ 130% by wt. for organic pigments and carbon black
Method : Addition at a grinding/dispersing stage is recommended.

TYPICAL PROPERTIES

Appearance	Light yellow liquid
Active matter	30% by wt.
Acid value	54
Amine value	56
Solvent	Water



Kusumoto Chemicals, Ltd.

11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN

(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079